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| FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | U. S DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. | SERIAL NO. |
| | | U 016442-2 | |
| | | APPLICANT | |
| | | Satoru TANAKA et al. | |
| | | FILING DATE | GROUP |
| | | | |

U.S. PATENT DOCUMENTS

| EXAMINER INITIALS | REFERENCE DESIGNATION | DOCUMENT NUMBER | DATE | NAME | FILING DATE IF APPROPRIATE |
|-------------------|-----------------------|-----------------|---------|----------------|----------------------------|
| | AA | 2003/0018918 | 01/2003 | Natsuno et al. | |
| | AB | | | | |
| | AC | | | | |
| | AD | | | | |
| | AE | | | | |
| | AF | | | | |
| | AG | | | | |
| | AH | | | | |
| | AI | | | | |
| | AJ | | | | |
| | AK | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION | |
|--|----|-----------------|---------|---------|-------------|----|
| | | | | | YES | NO |
| | AL | 2003-258856 | 09/2003 | JP | | X |
| | AM | 2003-85084 | 03/2003 | JP | | X |
| | AN | 2001-209611 | 08/2001 | JP | | X |
| | AO | 02/39294 | 05/2002 | WO | | X |
| | AP | | | | | |

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

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|--|----|---|
| | AQ | Patent Abstracts of Japan of 2003-258856 dated September 12, 2003 |
| | AR | Patent Abstracts of Japan of 2003-85084 dated March 20, 2003 |
| | AS | Patent Abstracts of Japan of 2001-209611 dated August 3, 2001 |

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| EXAMINER | /Michael Vaughan/ | DATE CONSIDERED | 09/30/2008 |
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.